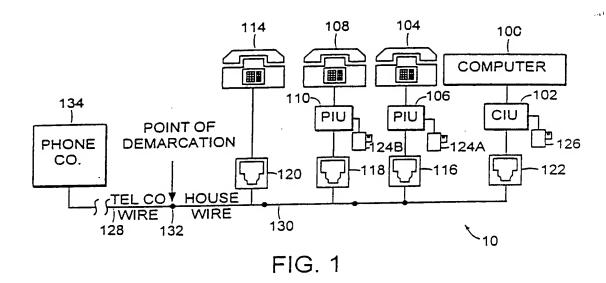
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FIG. 2

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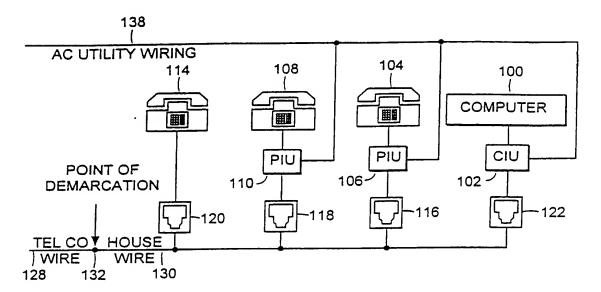


FIG. 3

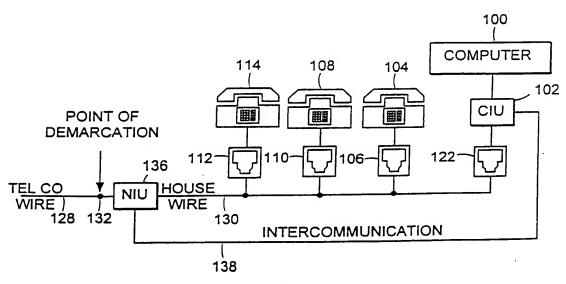


FIG. 4

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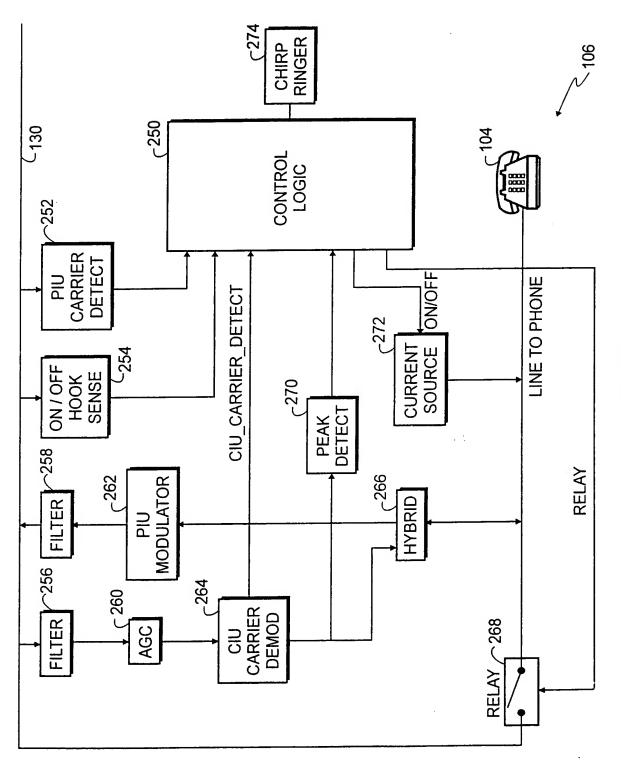
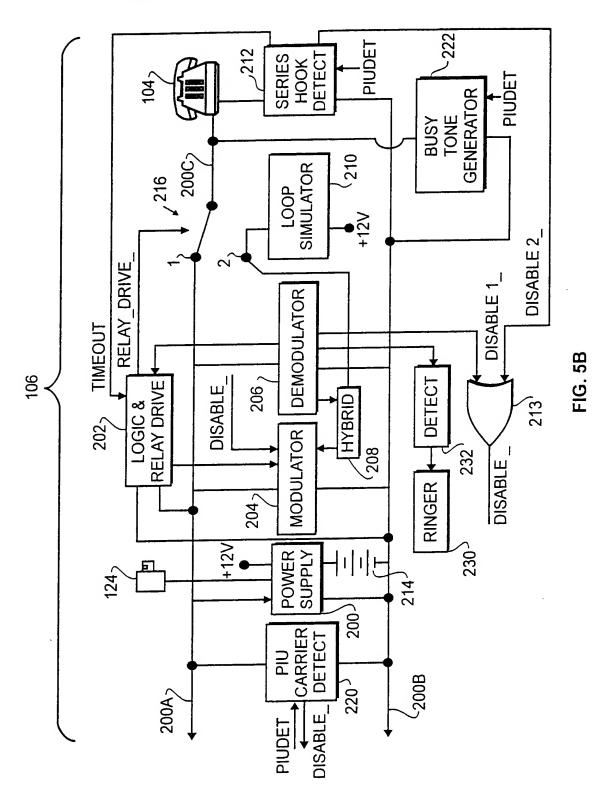


FIG. 5A

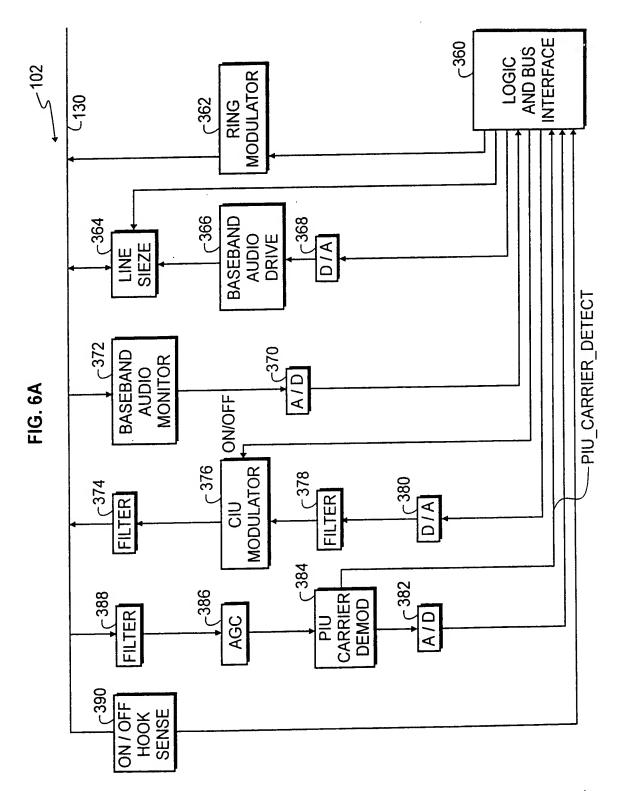
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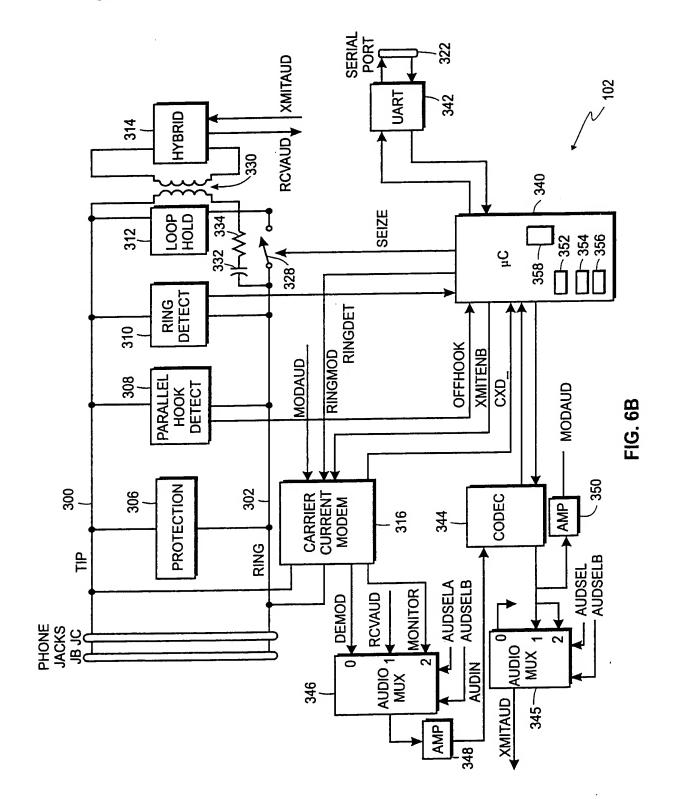
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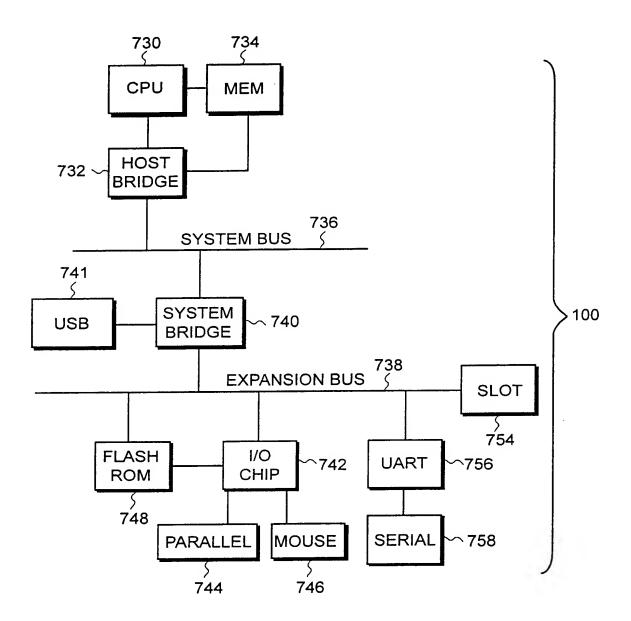


FIG. 7

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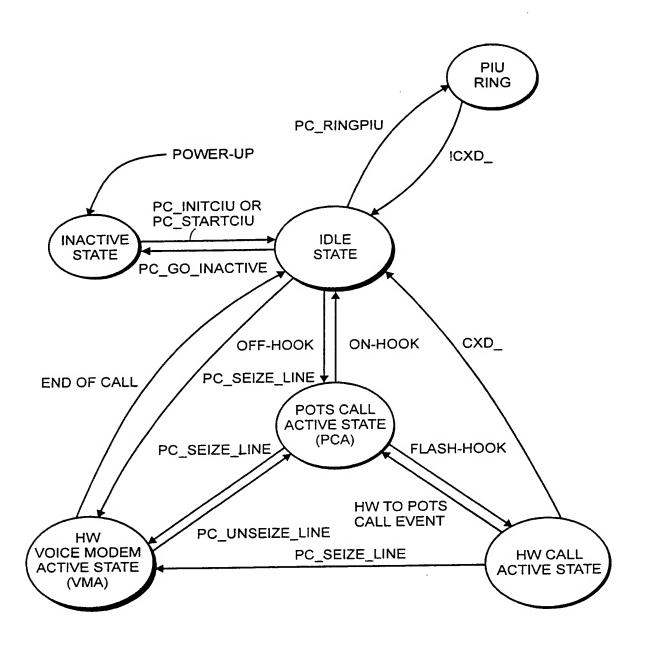


FIG. 8

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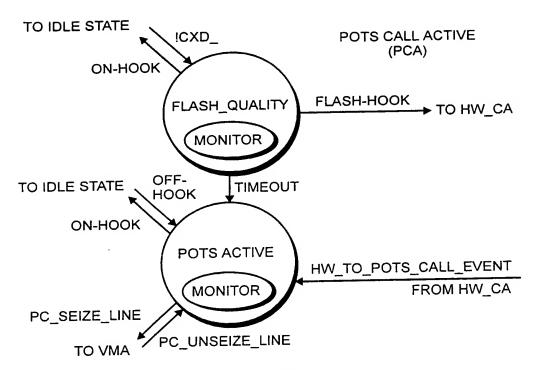


FIG. 9A

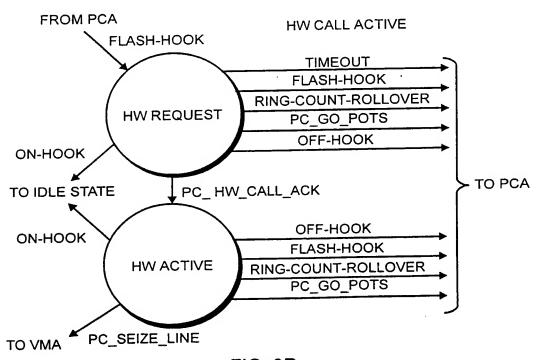


FIG. 9B

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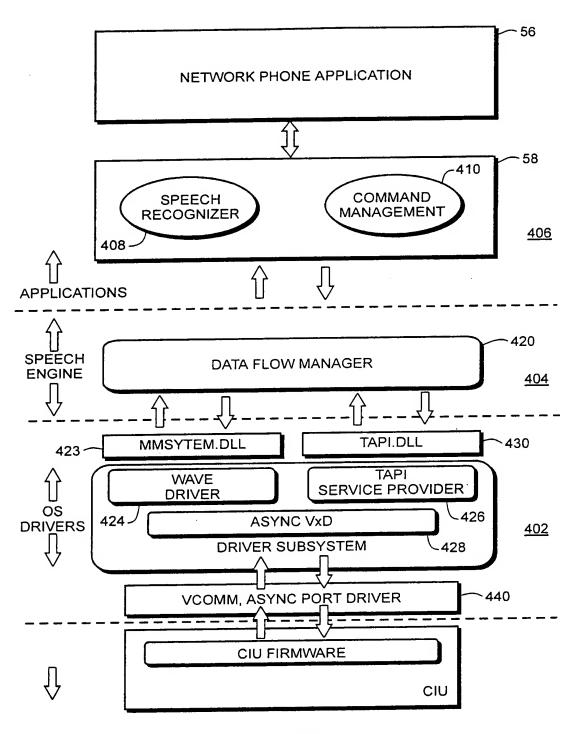
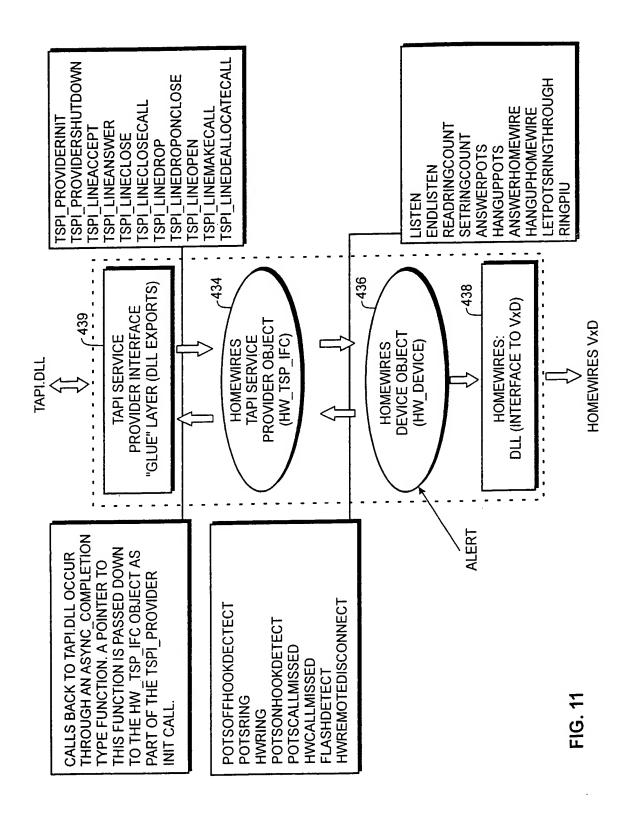


FIG. 10

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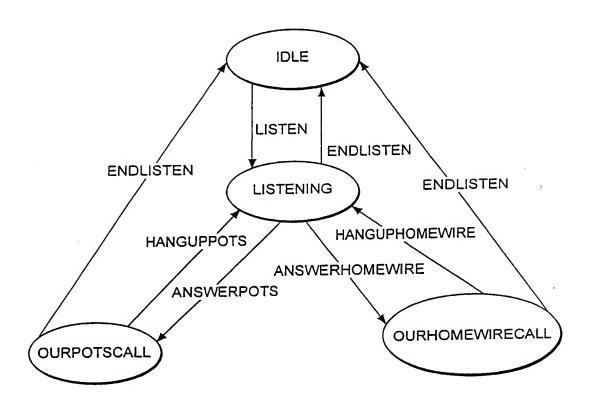


FIG. 12

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MAIN LOOP FOR HW_DEVICE HIDDEN WINDOW

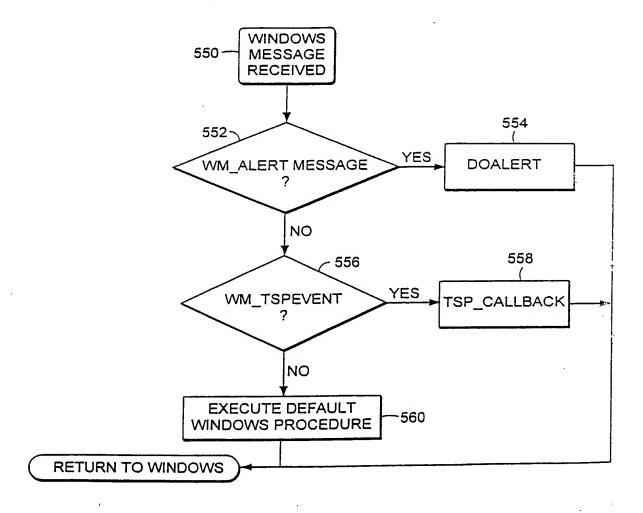


FIG. 13

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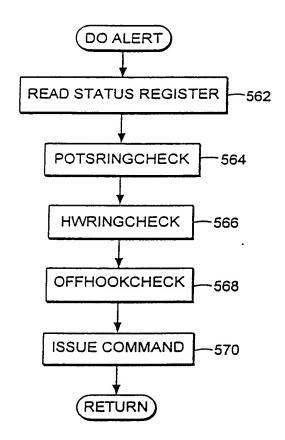


FIG. 14

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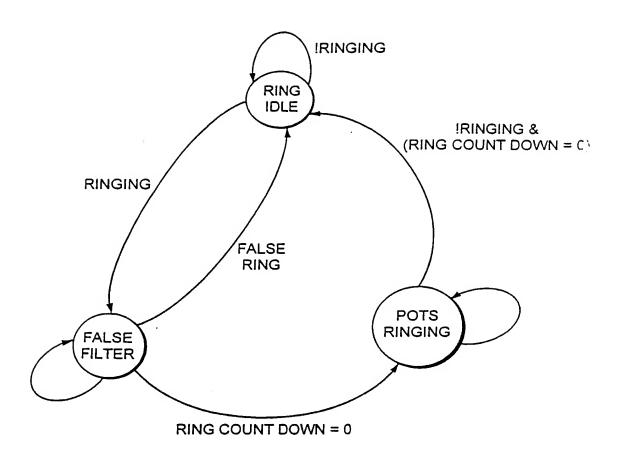
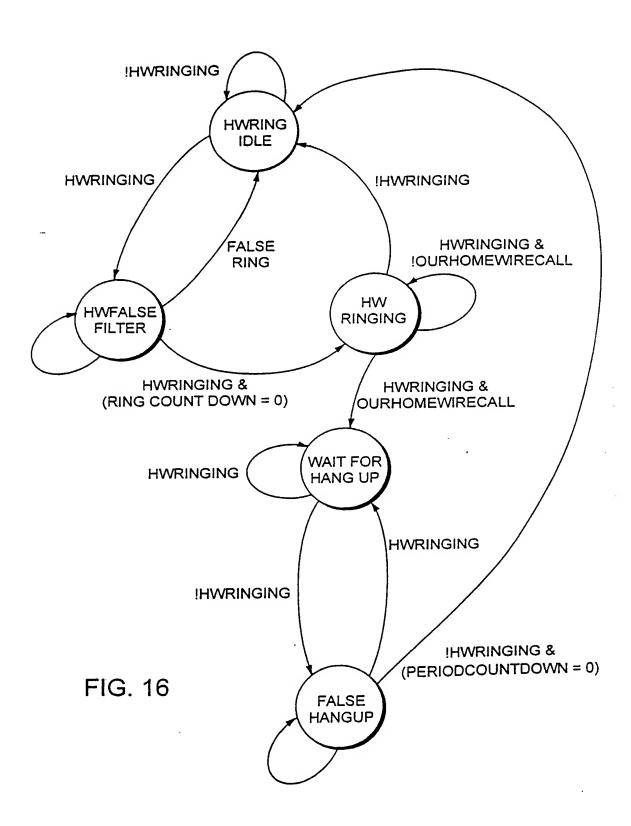


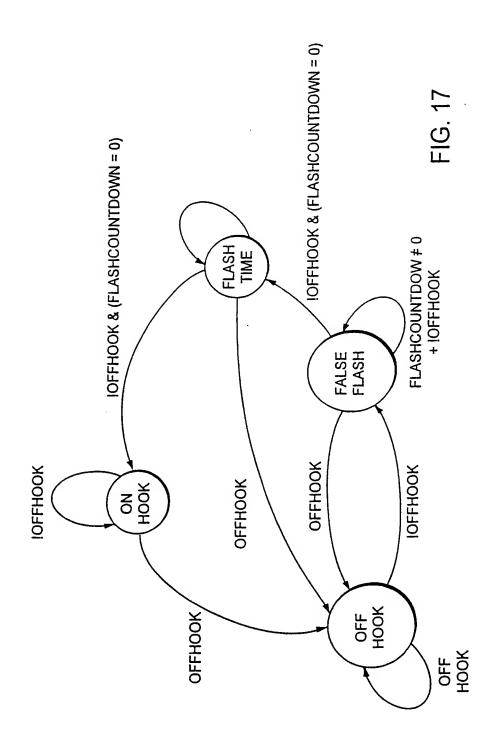
FIG. 15

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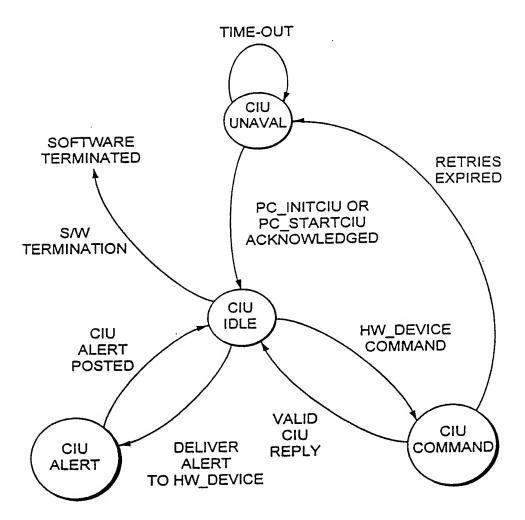


FIG. 18A

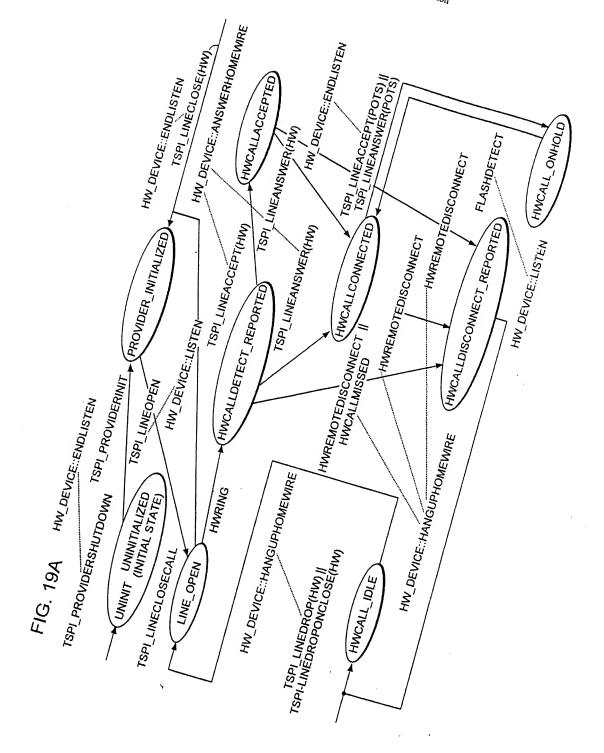
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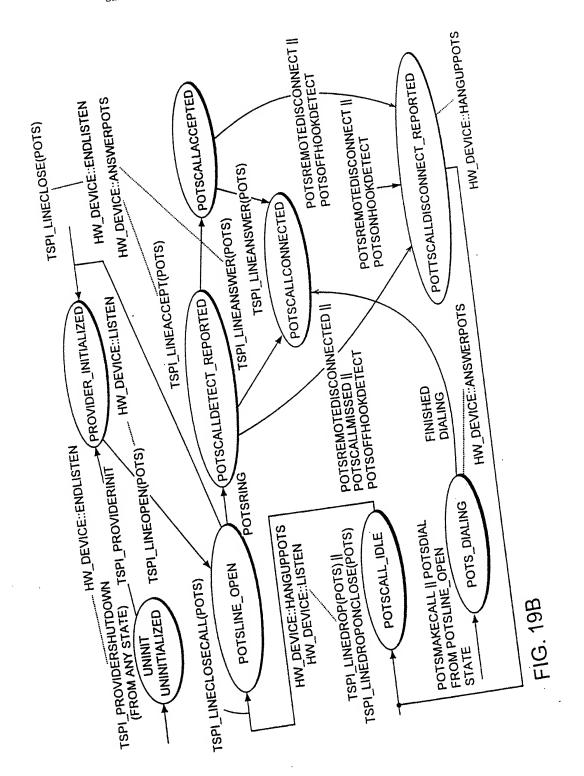
HW_DEVICE METHOD	CIU CONTROL COMMANDS	EXPECTED ACKNOWLEDGE MESSAGE
RINGPIU	PC_RINGPIU	CIU_STATUS
ANSWERPOTS	PC_SEIZELINE	CIU_STATUS
HANGUPPOTS	PC_UNSEIZELINE	CIU_STATUS
ANSWERHOMEWIRE	PC_HWCALLACK	CIU_STATUS
HANGUPHOMEWIRE	PC_DROPCIUCARRIER	CIU_STATUS
LISTEN	PC_SETMONITORMODE (ON)	CIU_STATUS
ENDLISTEN	PC_SETMONITORMODE (OFF)	CIU_STATUS
READRINGCOUNT	PC_GETRINGROLLOVER	CIU_RING_ROLLOVER_ CURRENT
SETRINGCOUNT	PC_SETRINGROLLOVER	CIU_STATUS

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ALERT/STATUS REPORTED BY CIU	NOTIFICATION FROM HW_DEVICE OBJECT TO TSP
CIU_STATUS (PIU_CARRIER_DETECTED)	HWRING
CIU-STATUS (NOT PIU_CARRIER_DETECTED)	HWCALLMISSED I HWREMOTEDISCONNECT I FLASHDETECT
CIU_STATUS (OFF-HOOK DETECTED)	POTSOFFHOOKDETECT
CIU_STATUS (NOT PARALLEL OFF-HOOK DETECT)	POTSONHOOKDETECT & HWREMOTEDISCONNECT
CIU_ALERT_INFO (RING AVAILABLE)	POTSRING (ALSO ISSUE PC_CLEAR_RING_TRIGGER)
CIU_ALERT_INFO (STATUS CHANGED)	NONE (ISSUE PC_GET_STATUS AND USE STATUS INFORMATION CIU_STATUS)

FIG. 18C





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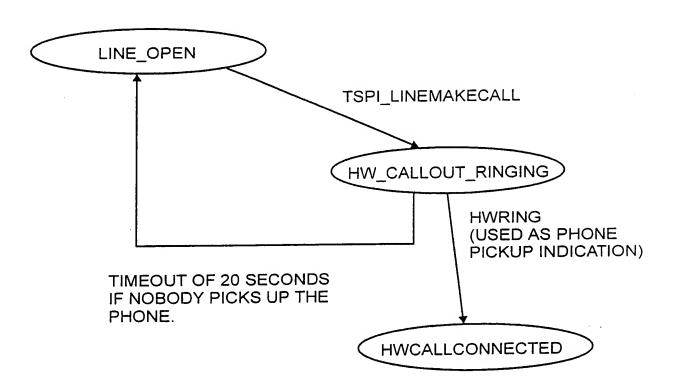


FIG. 19C

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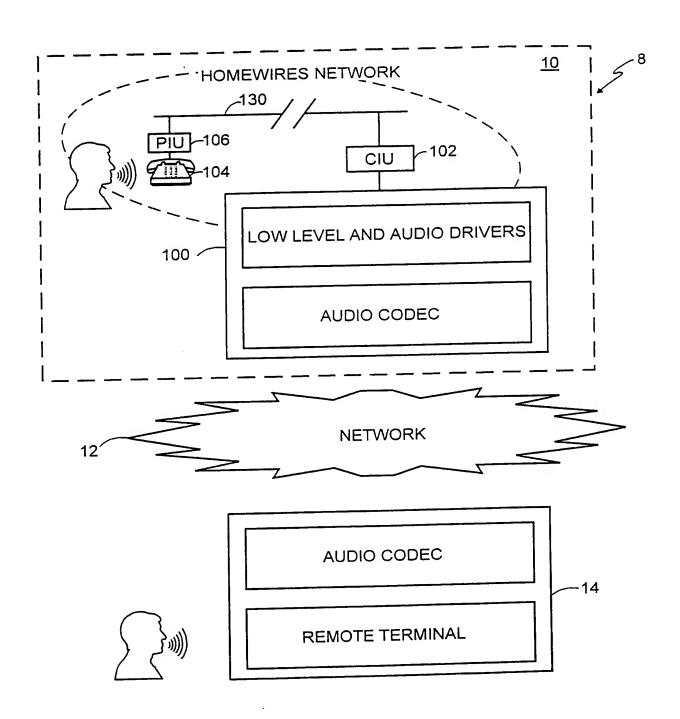
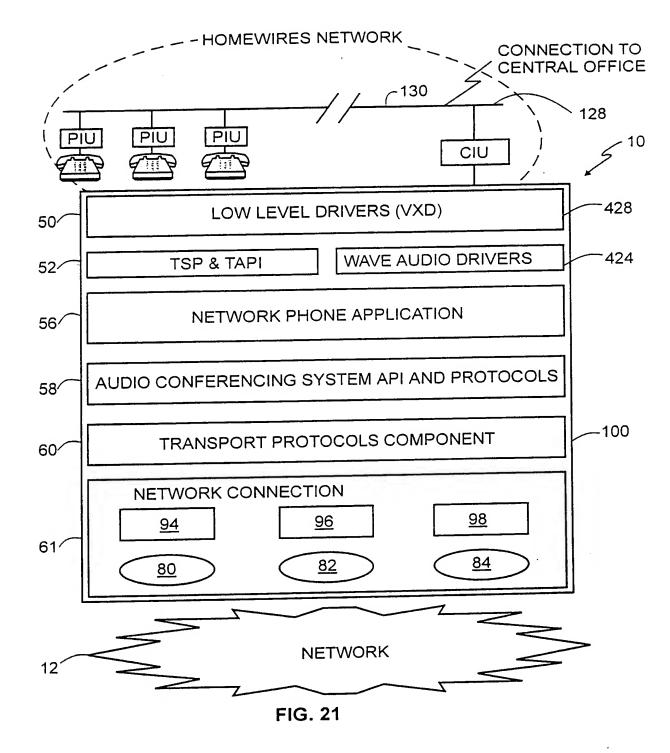


FIG. 20

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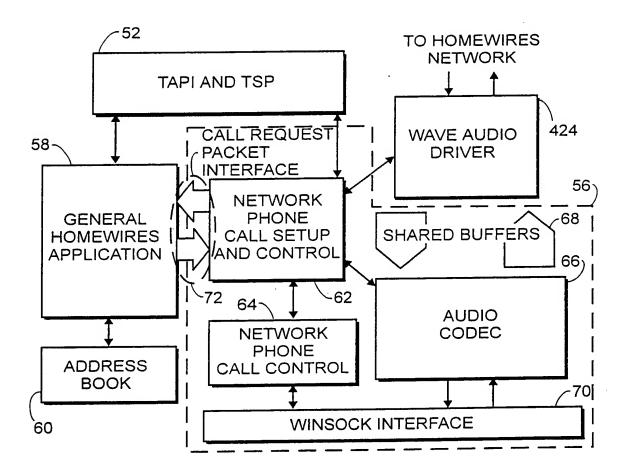
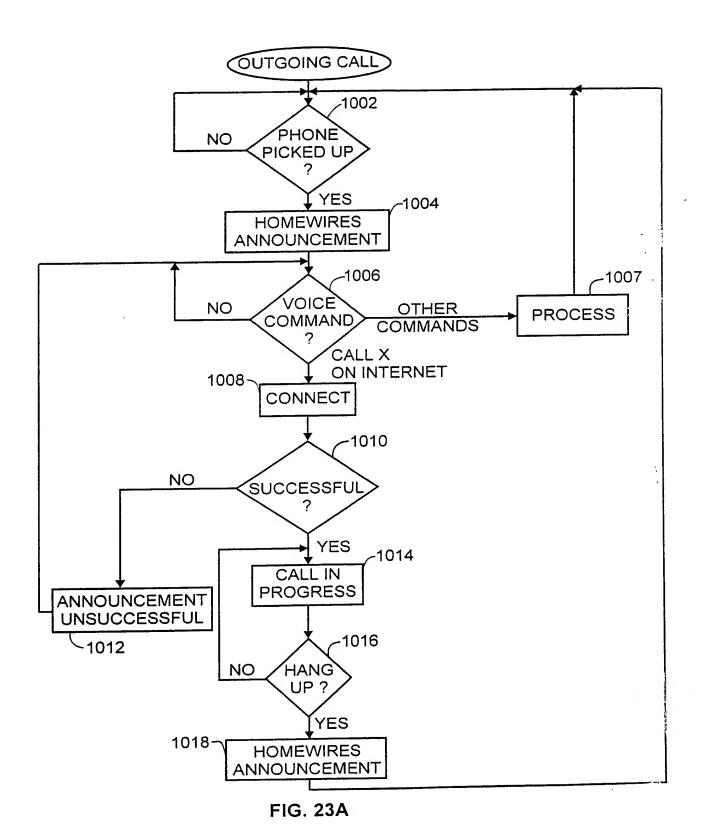


FIG. 22

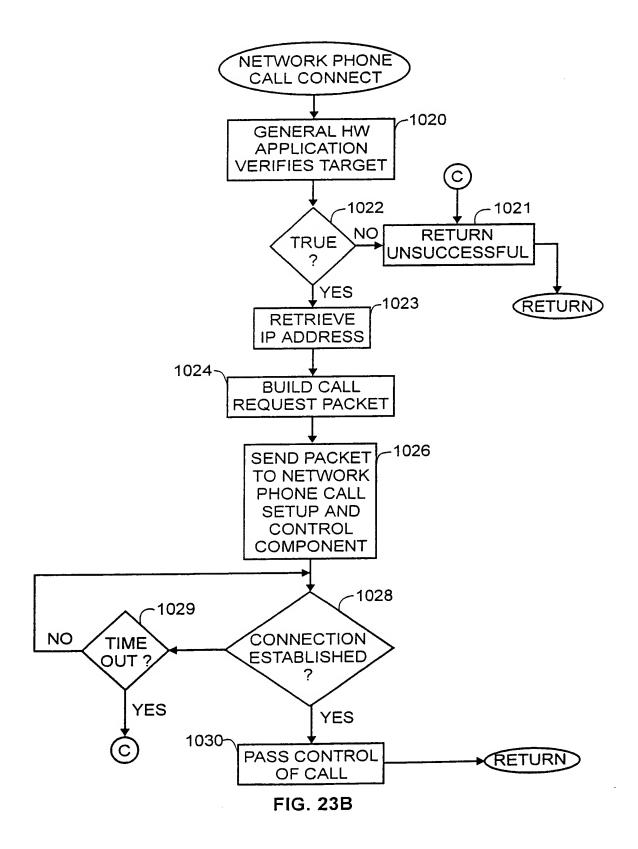
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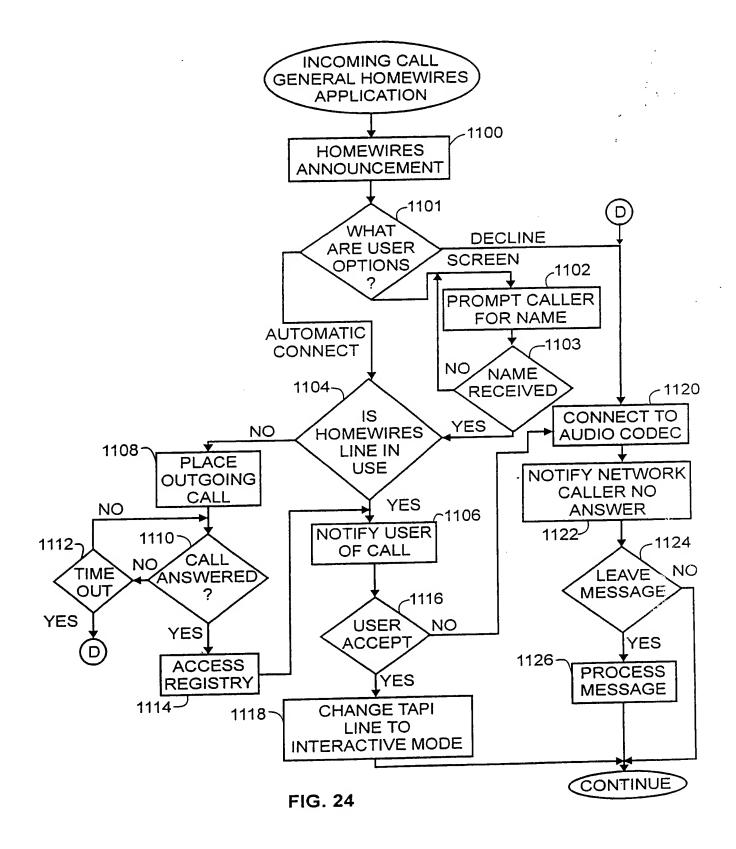
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